

Mail.XML Version 24.0

System Messages Specification

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Abstract

This document describes the messaging protocol for use by mailers and their consignees. The Mail.XML™ Transaction Protocol defines the roles and responsibilities of Shippers and Consignees and defines the format and method for message exchange. This messaging protocol is designed to be XML and Web-Services compliant.

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About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing. The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third party communication and incorporating presort planning, printing, and distribution processes.

What's New in Mail.XML Version 24.0?

With this release, the Mail.XML Messaging Protocol moves to Version 24.0. In addition to minor cleanup, this release supports new elements for Informed Delivery and Informed Platform.

Changes supported by Mail.XML 24.0 include:

- Modify summaryRecordUpdateType (called by ContainerUpdateRequest) increasing the length to 20 for the TruckDispatchNumber and TruckAndDispatchNumber elements
- Modify serviceCodeType removing "RRM" enumeration value for Return Receipt for Merchandise extra service that has already been discontinued
- Changing copyrights and namespaces to reference DTAC, as DTAC is now the owner of the Mail.XML Specification
- Add new USPSCampaignID element to the CampaignData block in order to identify a campaign that originated outside of eDoc

- Add two new elements, InformedAddressIndicator and InformedAddressExpDate, to the QualificationReportSummary (qualificationReportSummaryDataType) to support Informed Address functionality
- Modify ExtraServiceIMPBarcode (in mailPieceBlockType), changing type to intelligentMailPackageBarcodeType, instead of ns34 type
- Modify rateCategoryType adding new enumeration to support Plus One as a permanent product

About Mail.XML Schema Modularization

Today Mail.XML messages are grouped into 8 message types.

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- Dynamic Payment Template Messages
- Identification Messages (ID)
- Supply Chain Messages (SC)
- Informed Visibility (IV)
- System Messages
- Base: Shared simple types
- Definitions: Shared complex types and elements

The simple types shared across 2 or more modules are found in the Base schema. Likewise, the shared definitions module contains complex type definitions and elements that are shared across 2 or more modules.

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML wrapper schema**(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations: xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0/mailxml" targetNamespace="http://delivery-tech.org/Specs/mailxml24.0/mailxml"

- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0A/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.0A.xsd' <- Errata A
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0B/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.0B.xsd' <- Errata B
- If the wrapper version is labeled as xmlns:mailxml="http://delivery-tech.org/Specs/mailxml24.0/mailxml" then at least one of the XSDs is at same version such as filename = 'Mail.XML_24.0.xsd' <- Major Version

Mail.XML 24.0 XSD Modules:

The following Mail.XML XSD modules/namespaces are used:

Note: Actual xsd filenames include the version number (e.g. *mailxml_base_24.0.xsd*).

- mailxml_tm.xsd: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_tm:
- mailxml_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_mm:
- mailxml_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_iv:
- mailxml_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_dd:
- mailxml_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_id:
- mailxml_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=mailxml_sc:
- mailxml_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=mailxml_defs:

- mailxml_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=mailxml_base:
- mailxml.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=mailxml:

The Mail.XML™ 24 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 23.0. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 24.0: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 24.0: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 24.0: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 24.0: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 24.0: Identification Messaging Specification documents all identification messages
- Mail.XML™ 24.0: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 24.0: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 24.0: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 24.0: Common Definitions Specification documents all shared elements and complex types.
- Mail.XML™ 24.0: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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1 Index

schema location: [..\XSDs\mailxml_base_24.0.xsd](#)
attribute form default: **unqualified**
element form default: **qualified**
targetNamespace: <http://delivery-tech.org/Specs/mailxml24.0/base>

Simple types

[ActionCodeType](#)
[additionalInHomeRangeType](#)
[approvedPieceDesignTypeType](#)
[apptMethodType](#)
[apptStateType](#)
[apptStatusType](#)
[apptTypeType](#)
[barcodeRateType](#)
[billReasonCodeType](#)
[bundleDetailLevelType](#)
[bundleRecordStatusType](#)
[bundleStatusType](#)
[canadaAdMailOnlyType](#)
[cccLevelType](#)
[characteristicContentType](#)
[characteristicFeeType](#)
[characteristicIncentiveType](#)
[classNotificationType](#)
[closeoutIrregularitiesType](#)
[closeoutResolutionType](#)
[communicationRoleType](#)
[componentPeriodicalAdPercentStatusType](#)
[componentWeightSourceType](#)
[componentWeightStatusType](#)
[consigneeContentIDType](#)
[contactType](#)
[containerAcceptanceDateType](#)
[containerGrossWeightType](#)
[containerHeightSourceType](#)
[containerHeightType](#)
[containerLevelType](#)
[containerPickupDateType](#)
[containerPickupTimeType](#)
[containerShipDateType](#)
[containerShipTimeType](#)
[CQTdatabaseIDType](#)
[cRIDStatusType](#)
[CRIDType](#)
[databaseContainerIDType](#)
[dayFrequencyType](#)
[daysOfWeekType](#)
[dec18-8](#)
[deliveryPointZIP](#)
[electronicFileType](#)
[emailType](#)
[enclosedByType](#)
[entryDiscountType](#)
[entryFacilityType](#)
[entryPointADLocaleKeyType](#)
[entryPointADPostalCodeType](#)
[entryPointEDFacilityTypeType](#)
[entryPointEDPostalCodeType](#)

[es3](#)
[es4](#)
[es5](#)
[exemptionCodeType](#)
[fASTSchedulerIDType](#)
[feeNotificationType](#)
[flatRateIndicatorType](#)
[formType](#)
[gPSSystemType](#)
[IDType](#)
[iMBarcodeIDType](#)
[iMBLowerSerializationType](#)
[iMBSerialNumber6Type](#)
[iMBSerialNumber9Type](#)
[iMBType](#)
[iMBUpperSerializationType](#)
[IMcbType](#)
[IMpbType](#)
[IMtbType](#)
[includedInOtherDocType](#)
[inCountyOutCountyIndicatorType](#)
[inductionStatusType](#)
[internalDateType](#)
[internationalPriceGroupType](#)
[jobIDType](#)
[localeKeyType](#)
[logicalPhysicalBundleIndicatorType](#)
[logicalPhysicalContainerIndicatorType](#)
[mailAgreementTypeType](#)
[mailClassType](#)
[maildatContainerStatusType](#)
[mailerID6Type](#)
[mailerID9Type](#)
[mailXMLContainerType](#)
[mailXMLPresentationCategoryType](#)
[marketingOrFulfillmentType](#)
[meteredAffixedMethodType](#)
[mIDStatusType](#)
[mlocrRateType](#)
[monthType](#)
[moveUpdateMethodType](#)
[MPUIDType](#)
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[ns11](#)
[ns12](#)
[ns14](#)
[ns22](#)
[ns34](#)
[onePassPlannedOrActualFlagType](#)
[operatingModeType](#)
[packageCountRangeType](#)
[packageIDType](#)
[packagingMethodType](#)
[palletHandlingUnitType](#)
[palletType](#)
[parentContainerRefIDType](#)

[percentageType](#)
[permitTypeType](#)
[phoneNumberType](#)
[pickupOrDeliveryType](#)
[planetCodeType](#)
[postageGroupingIDType](#)
[postagePaymentMethodType](#)
[postageStatementLineNumber1Type](#)
[postageStatementLineNumber2Type](#)
[postageStatementLineNumber3Type](#)
[postageStatementStatusType](#)
[priceIncentiveIDType](#)
[processingCategoryType](#)
[qualificationReportClassType](#)
[rateLevelIndicatorType](#)
[rateLevelType](#)
[rateType](#)
[recurringStatusType](#)
[reservationNumberType](#)
[responsibleTransportationPartyType](#)
[roleType](#)
[RoutingZipCodeType](#)
[s01](#)
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[s50](#)
[s500](#)
[s60](#)
[s64](#)
[s66](#)
[s80](#)
[s96](#)
[sackingBasisType](#)
[sAZCaps](#)
[scheduledInductionDateType](#)
[scheduledInductionTimeType](#)

[scheduledInHomeDateType](#)
[serialNumberSevenOrEleven](#)
[serialNumberTenOrFourteen](#)
[serviceCodeType](#)
[serviceLevelIndicatorType](#)
[serviceSubCodeType](#)
[ServiceTypeCodeType](#)
[severityType](#)
[simplifiedAddressType](#)
[sortationLevelType](#)
[standardFlatTypeType](#)
[standardParcelTypeType](#)
[stateCode](#)
[statusType](#)
[stopDesignatorType](#)
[surchargeType](#)
[totalWeightType](#)
[trailerLengthType](#)
[transportationMethodType](#)
[transportationModeType](#)
[transShipBoLNumberType](#)
[trayDistLabelType](#)
[trayType](#)
[trayTypeIndicatorType](#)
[truckDispatchNumberType](#)
[uniqueContainerIDType](#)
[unitLoadType](#)
[uOMType](#)
[userInformationLine1Type](#)
[userInformationLine2Type](#)
[userLicenseCodeType](#)
[uspsPackageUniqueCharacteristicType](#)
[uspsPickupType](#)
[wastedPieceIndicatorType](#)
[weekendHolidayIndexType](#)
[weekFrequencyType](#)
[weightBreakType](#)
[weightUnitType](#)
[yesNo](#)
[zipCodeFiveOrNineDigit](#)
[zipCodeThreeOrFiveDigit](#)
[zoneICType](#)

2 Elements

simpleType **actionCodeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
annotation	documentation Action Code for USPS

simpleType **additionalInHomeRangeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:n01

simpleType **approvedPieceDesignTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **apptMethodType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **apptStateType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **apptStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **apptTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **barcodeRateType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **billReasonCodeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **bundleDetailLevelType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **bundleRecordStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **bundleStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **canadaAdMailOnlyType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **cccLevelType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **characteristicContentType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **characteristicFeeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **characteristicIncentiveType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
-----------	---

type	restriction of xs:string
------	---------------------------------

simpleType **classNotificationType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **closeoutIrregularitiesType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **closeoutResolutionType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **communicationRoleType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **componentPeriodicalAdPercentStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **componentWeightSourceType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **componentWeightStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **consigneeContentIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s09

simpleType contactType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType containerAcceptanceDateType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType containerGrossWeightType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s05

simpleType containerHeightSourceType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType containerHeightType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:n03

simpleType containerLevelType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType containerPickupDateType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType containerPickupTimeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:time

simpleType containerShipDateType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType containerShipTimeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:time

simpleType CQTdatabaseIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType cRIDStatusType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType CRIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType databaseContainerIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType dayFrequencyType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType daysOfWeekType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType dec18-8

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:decimal

simpleType deliveryPointZIP

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType electronicFileType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of mailxml base:s01

simpleType emailType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:string

simpleType enclosedByType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType entryDiscountType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType entryFacilityType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType entryPointADLocaleKeyType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s09

simpleType entryPointADPostalCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s09

simpleType entryPointEDFacilityTypeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s01

simpleType entryPointEDPostalCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s06

simpleType es3

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType es4

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType es5

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType exemptionCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType fASTSchedulerIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s12

simpleType feeNotificationType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType flatRateIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **formType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **gPSSystemType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **IDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **iMBarcodeIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns02

simpleType **iMBLowerSerializationType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s18

simpleType **iMBSerialNumber6Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns06

simpleType **iMBSerialNumber9Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns09

simpleType **iMBType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **iMBUpperSerializationType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s18

simpleType IMcbType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType IMpbType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType IMtbType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType includedInOtherDocType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType inCountyOutCountyIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType inductionStatusType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType internalDateType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType internationalPriceGroupType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **jobIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **localeKeyType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s09

simpleType **logicalPhysicalBundleIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **logicalPhysicalContainerIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mailAgreementTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mailClassType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **maildatContainerStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mailerID6Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns06

simpleType **mailerID9Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns09

simpleType **mailXMLContainerType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mailXMLPresentationCategoryType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **marketingOrFulfillmentType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **meteredAffixedMethodType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mIDStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **mlocrRateType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **monthType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType **moveUpdateMethodType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:integer

simpleType MPUIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType n01

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:positiveInteger
used by	simpleType additionalInHomeRangeType

simpleType n02

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:positiveInteger

simpleType n03

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger
used by	simpleType containerHeightType

simpleType n05

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType n06

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:nonNegativeInteger

simpleType ns01

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns02

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleType iMBarcodeIDType

simpleType ns03

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleType ServiceTypeCodeType

simpleType ns04

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns05

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns06

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes iMBSerialNumber6Type mailerID6Type

simpleType ns07

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns09

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes iMBSerialNumber9Type mailerID9Type

simpleType ns10

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns11

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns12

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns14

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns22

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ns34

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType onePassPlannedOrActualFlagType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType operatingModeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType packageCountRangeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:integer

simpleType packageIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s06

simpleType **packagingMethodType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **palletHandlingUnitType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **palletType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **parentContainerRefIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s06

simpleType **percentageType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:decimal

simpleType **permitTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **phoneNumberType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **pickupOrDeliveryType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **planetCodeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **postageGroupingIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s08

simpleType **postagePaymentMethodType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **postageStatementLineNumber1Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **postageStatementLineNumber2Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **postageStatementLineNumber3Type**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **postageStatementStatusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **priceIncentiveIDType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s10

simpleType **processingCategoryType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType qualificationReportClassType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType rateLevelIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType rateLevelType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType rateType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType recurringStatusType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType reservationNumberType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s15

simpleType responsibleTransportationPartyType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType roleType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType RoutingZipCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s01

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes electronicFileType entryPointEDFacilityTypeType weekendHolidayIndexType weightUnitType

simpleType s02

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleType stopDesignatorType

simpleType s03

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s04

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s05

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes containerGrossWeightType totalWeightType transShipBoLNumberType

simpleType s06

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes entryPointEDPostalCodeType packageIDType parentContainerRefIDType

simpleType s07

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s08

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleType postageGroupingIDType

simpleType s09

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes consigneeContentIDType entryPointADLocaleKeyType entryPointADPostalCodeType localeKeyType

simpleType s10

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes priceIncentiveIDType truckDispatchNumberType

simpleType s1000

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s11

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s12

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleType fASTSchedulerIDType

simpleType s14

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s15

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

used by	simpleType reservationNumberType
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simpleType s16

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s18

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes iMBLowerSerializationType iMBUpperSerializationType

simpleType s19

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s20

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s200

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s22

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s24

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s25

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s256

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s26

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s260

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s28

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s30

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s31

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s32

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s34

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s35

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s37

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s40

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string
used by	simpleTypes userInformationLine1Type userInformationLine2Type

simpleType s45

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s48

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s50

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s500

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s60

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType s64

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
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type	restriction of xs:string
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simpleType **s66**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **s80**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **s96**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **sackingBasisType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **sAZCaps**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **scheduledInductionDateType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType **scheduledInductionTimeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:time

simpleType **scheduledInHomeDateType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:date

simpleType serialNumberSevenOrEleven

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType serialNumberTenOrFourteen

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType serviceCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType serviceLevelIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType serviceSubCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType ServiceTypeCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:ns03

simpleType severityType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType simplifiedAddressType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType sortationLevelType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **standardFlatTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **standardParcelTypeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **stateCode**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **statusType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **stopDesignatorType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s02

simpleType **surchargeType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **totalWeightType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml_base:s05

simpleType **trailerLengthType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType transportationMethodType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType transportationModeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType transShipBoLNumberType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s05

simpleType trayDistLabelType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType trayType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType trayTypeIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType truckDispatchNumberType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s10

simpleType uniqueContainerIDType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType unitLoadType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType uOMType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType userInformationLine1Type

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s40

simpleType userInformationLine2Type

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	mailxml base:s40

simpleType userLicenseCodeType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType uspsPackageUniqueCharacteristicType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	xs:string

simpleType uspsPickupType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType wastedPieceIndicatorType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType weekendHolidayIndexType

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of mailxml base:s01

simpleType **weekFrequencyType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **weightBreakType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **weightUnitType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of mailxml_base:s01

simpleType **yesNo**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **zipCodeFiveOrNineDigit**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **zipCodeThreeOrFiveDigit**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string

simpleType **zoneICType**

namespace	http://delivery-tech.org/Specs/mailxml24.0/base
type	restriction of xs:string